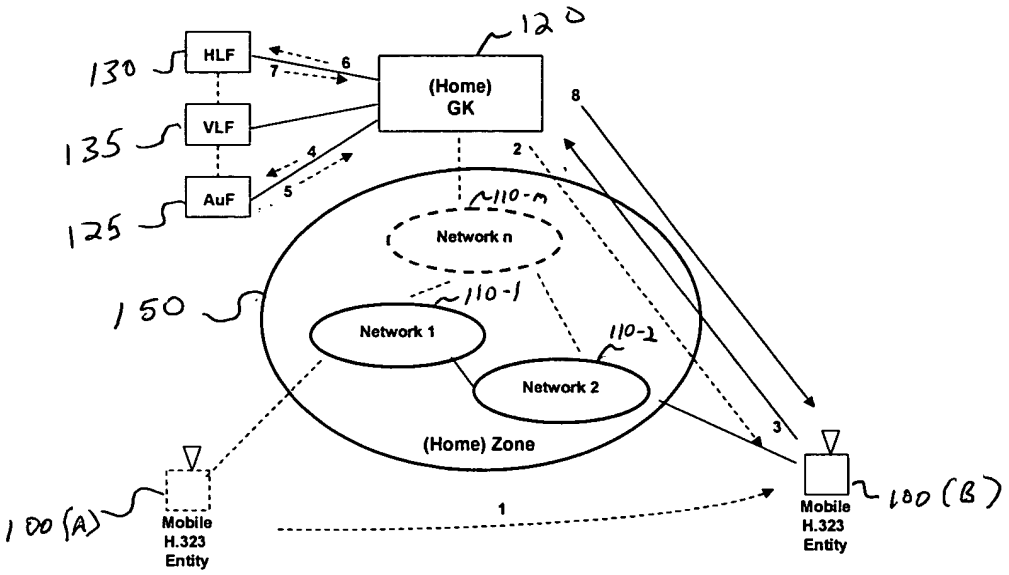
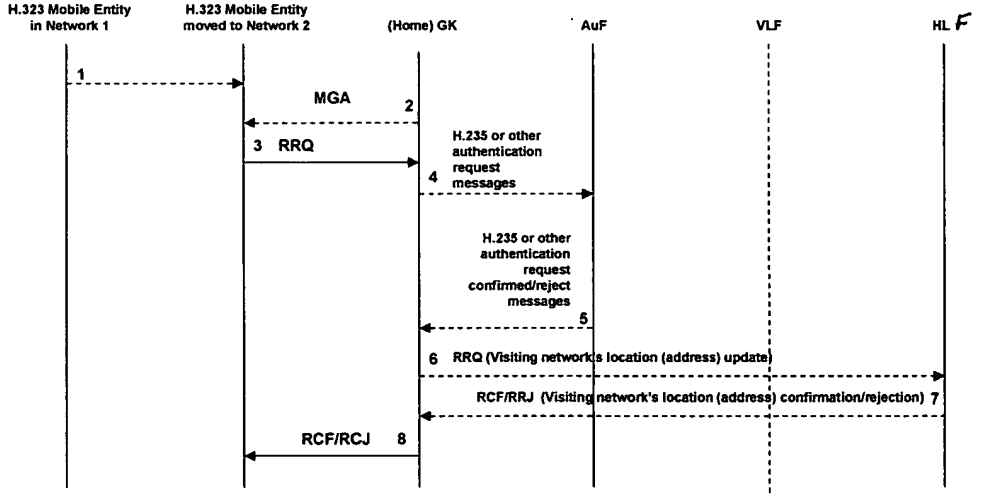


Figure 1: Intra-Zone Mobility Management



Notes: 1. Existing RRQ, RCF, and RRJ messages need to be extended to support mobility as proposed in Reference 2.
2. New messages like MGA need to be defined as proposed in Reference 2.

Figure 2: Information Flows for Location Updates for Roaming within the Home Zone

3.2.4 Distributed HLF Function

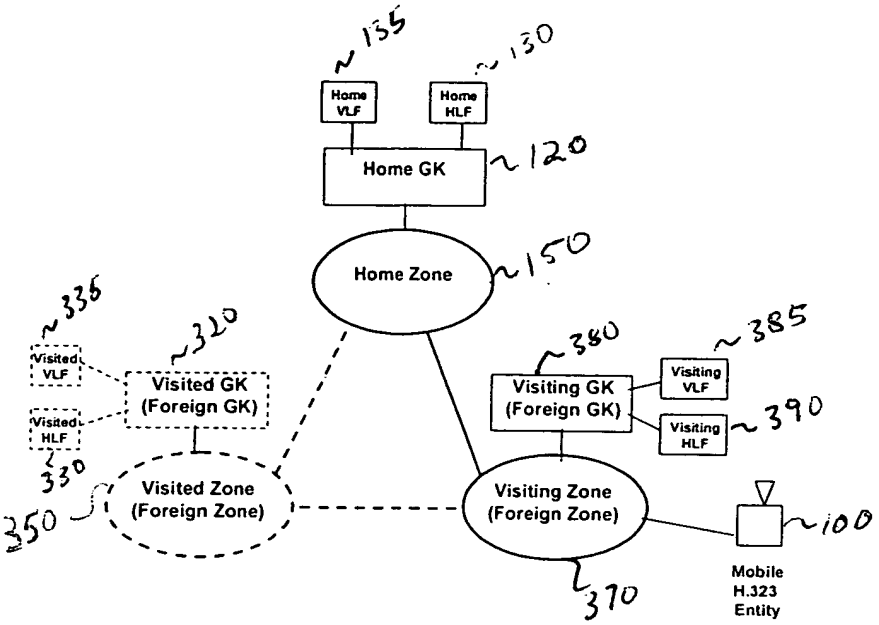


Figure 3: Location Update Management Architecture with Distributive HLF Architecture

Figure 3 shows an example how a mobile H.323 entity can roam from zone to zone and how the system keeps a record of the current location. We are describing a scenario where an H.323 mobile entity moves from a visited (foreign) zone to a visiting (foreign) zone.

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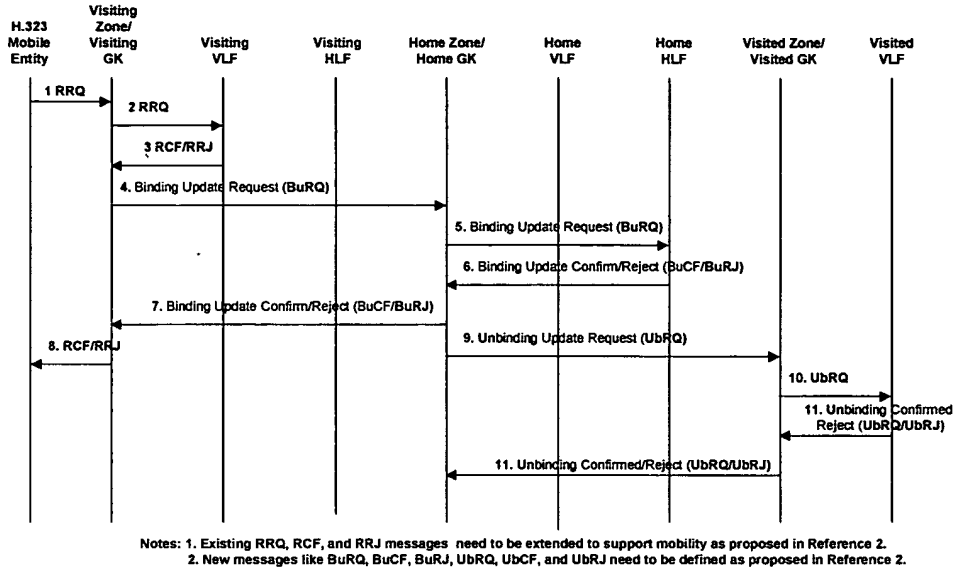
[illegible] Location da[illegible]cture with Distributive HLF Architecture



Notes: 1. Existing RRQ, RCF, and RRJ messages need to be extended to support mobility as proposed in Reference 2.
2. New messages like BuRQ, BuCF, BuRJ, UbRQ, UbCF, and UbRJ need to be defined as proposed in Reference 2.

Figure 4: Location Update Management Information Flows with Distributive HLF Architecture

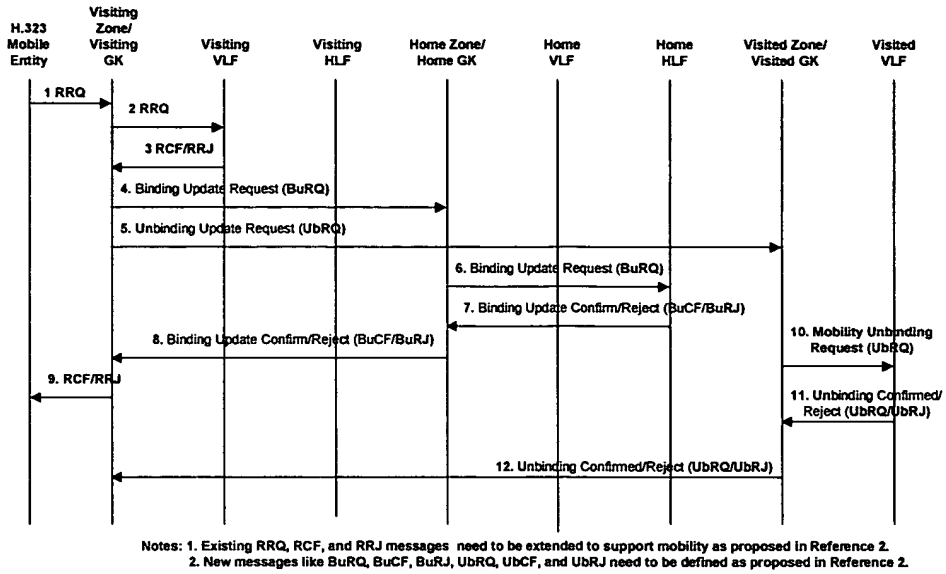


Figure 5: Smooth Location Updates for Signaling Flow Optimization

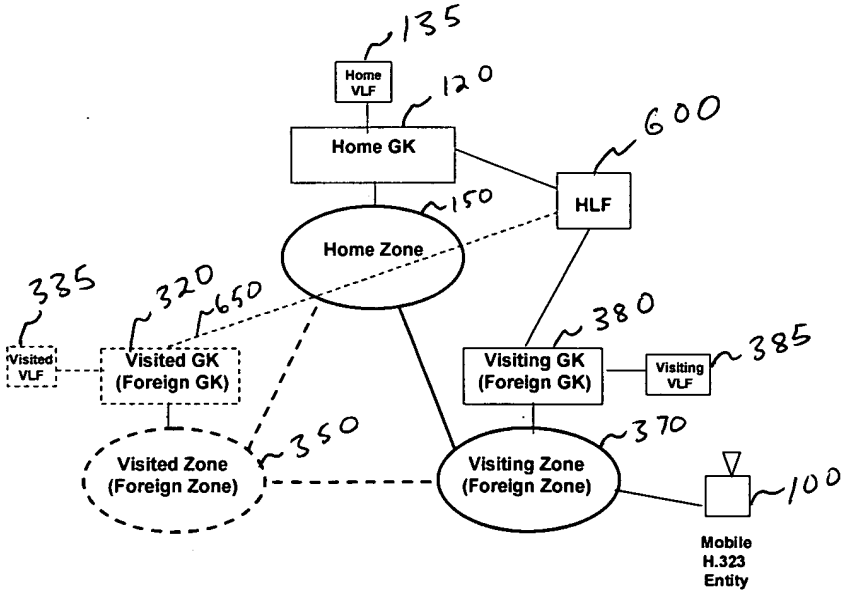
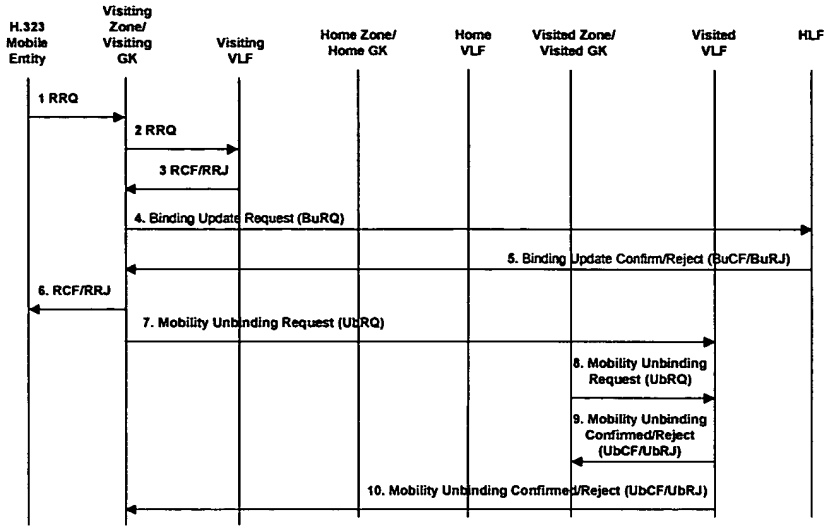


Figure 6: Mobility Management Architecture sharing a single HLF Database in a given Administrative Domain



Notes: 1. Existing RRQ, RCF, and RRJ messages need to be extended to support mobility as proposed in Reference 2.
2. New messages like BuRQ, BuCF, BuRJ, UbRQ, UbCF, and UbRJ need to be defined as proposed in Reference 2.

Figure 7: Location Update Management Information Flows with Centralized HLF Architecture in an Administrative Domain

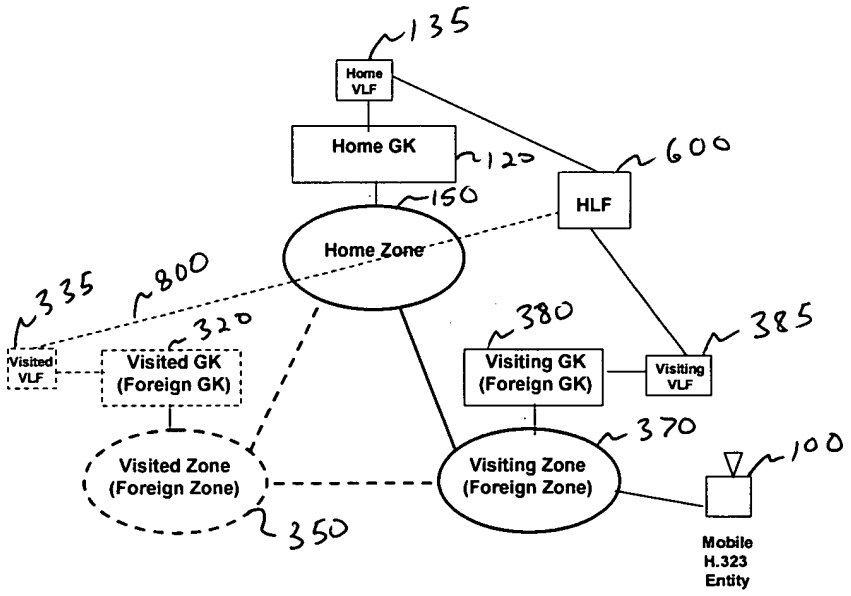


Figure 8: Mobility Management Architecture sharing a single HLF Database in a given Administrative Domain (Communications with HLF done via VLF only)

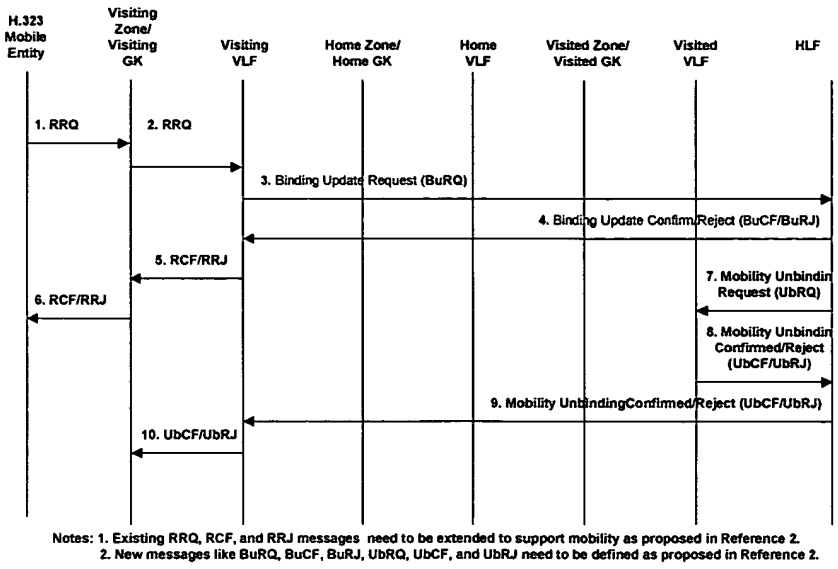


Figure 9: Location Update Management Information Flows with Centralized HLF Architecture in an Administrative Domain where Communications with the HLF are done via the VLFs only